



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to Director: OPPE Information Management Division (2137) U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date September 25, 2013	EPA Reg. No./File Symbol 71173-TBD	Page 1 of 5
Applicant's/Registrant's Name & Address: Multi-Chem Group, LLC 13858 Hwy 92 Maurice, LA 70555		Product <i>AcroCide</i>

Ingredient *Acrolein* (PC Code 701, CAS #107-02-8)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity and Composition	49205101	Multi-Chem Group, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	49205101	Multi-Chem Group, LLC	OWN	
830.1620	Description of Production Process	49205101	Multi-Chem Group, LLC	OWN	
830.1650	Description of Formulation Process	49205101	Multi-Chem Group, LLC	OWN	
830.1670	Discussion of Formation of Impurities	49205101	Multi-Chem Group, LLC	OWN	
830.1700	Preliminary Analysis	49205101 49205103	Multi-Chem Group, LLC	OWN	
830.1750	Certification of Limits	49205101	Multi-Chem Group, LLC	OWN	
830.1800	Enforcement Analytical Method	49205101	Multi-Chem Group, LLC	OWN	
830.1900	Submittal of Samples				Submitted upon request
830.6302	Color	49205102	Multi-Chem Group, LLC	OWN	
830.6303	Physical State	49205102	Multi-Chem Group, LLC	OWN	
830.6304	Odor	49205102	Multi-Chem Group, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures	49205102	Multi-Chem Group, LLC	OWN	
830.6314	Oxidizing or Reducing Action	49205102	Multi-Chem Group, LLC	OWN	
830.6315	Flammability	41272401	Baker Petrolite Corporation	PAY	
830.6317	Storage Stability	42117801	Baker Petrolite Corporation	PAY	
830.6320	Corrosion Characteristics	42117801	Baker Petrolite Corporation	PAY	
830.7000	pH	49205102	Multi-Chem Group, LLC	OWN	

Signature <i>Abigail T. Downs</i>	Name and Title Abigail T. Downs, Regulatory Consultant	Date September 25, 2013
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830.7050	UV/visible spectrum	49205102	Multi-Chem Group, LLC	OWN	
830.7100	Viscosity	49205102	Multi-Chem Group, LLC	OWN	
830.7200	Melting Point/ Melting Range	49205102	Multi-Chem Group, LLC	OWN	
830.7220	Boiling Point / Boiling Range	49205102	Multi-Chem Group, LLC	OWN	
830.7300	Density	49205102	Multi-Chem Group, LLC	OWN	
830.7370	Dissociation Constants in Water	49205102	Multi-Chem Group, LLC	OWN	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	49205102	Multi-Chem Group, LLC	OWN	
830.7550	Partition Coefficient (n-octanol/water)	49205102	Multi-Chem Group, LLC	OWN	
830.7840	Water Solubility	49205102	Multi-Chem Group, LLC	OWN	
830.7840/7860	Water Solubility	40840602	Baker Petrolite Corporation	PAY	
830.7840/7860	Water Solubility – Representative Polar and Non-Polar Solvents	42032501	Baker Petrolite Corporation	PAY	(Supplement to 40840602)
830.7950	Vapor Pressure	49205102	Multi-Chem Group, LLC	OWN	
830.1230	Adsorption/Desorption (Batch Equilibrium)	40945403	Baker Petrolite Corporation	PAY	
835.2120	Hydrolysis	40945401	Baker Petrolite Corporation	PAY	
835.2240/2370/2410	Photodegradation in Water/Soil/Air	40945402	Baker Petrolite Corporation	PAY	
835.2310	Maximum Direct Photolysis Rate in Air from UV/Visible Spectroscopy	48823801	Baker Petrolite Corporation	PAY	
835.2370	Photodegradation in Air	48681301	Baker Petrolite Corporation	PAY	
835.4100	Aerobic Soil Metabolism	43037301	Baker Petrolite Corporation	PAY	

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Ingredient *Acrolein* (PC Code 701, CAS #107-02-8)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4200	Anaerobic Soil Metabolism	43035701	Baker Petrolite Corporation	PAY	
835.4300	Aerobic Aquatic Metabolism	42837601 42288901	Baker Petrolite Corporation	PAY	
835.4400	Anaerobic Aquatic Metabolism	48681302 42949201	Baker Petrolite Corporation	PAY	
835.6200	Aquatic (Sediment) Field Dissipation	41513204 41813001 43176901	Baker Petrolite Corporation	PAY	
850.2100	Avian Acute Oral Toxicity Test	42183301	Baker Petrolite Corporation	PAY	
850.1010	Aquatic Invertebrate Acute Toxicity, Freshwater Daphnids	41513202	Baker Petrolite Corporation	PAY	
850.1075	Acute Flow-through Toxicity of Acrolein to Bluegill (<i>Lepomis macrochirus</i>)	41513201	Baker Petrolite Corporation	PAY	
850.1075	Acute Flow-through Toxicity of Acrolein to Rainbow Trout (<i>Oncorhynchus mykiss</i>)	41513203	Baker Petrolite Corporation	PAY	
850.1075	Acrolein--Acute Toxicity to Mysid Shrimp (<i>Mysidopsis bahia</i>) under Flow-Through conditions	43164301	Baker Petrolite Corporation	PAY	
850.1075	Acrolein--Acute Toxicity to Eastern oyster (<i>Crassostrea virginica</i>) Under Flow-Through Conditions	43164302	Baker Petrolite Corporation	PAY	
850.1075	Acute Toxicity to sheepshead Minnow (<i>cyprinodon variegatus</i>) under Flow-Through conditions	43225202	Baker Petrolite Corporation	PAY	
850.4400	Aquatic Plant Toxicity Test (<i>Navicula</i>	42620902	Baker Petrolite Corporation	PAY	

Signature

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Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
	<i>pelliculosa</i>)				
850.4400	Aquatic Plant Toxicity Test (<i>Skeletonema costatum</i>)	42620903	Baker Petrolite Corporation	PAY	
850.4400	Aquatic Plant Toxicity Test (<i>Lemna gibba</i>)	42620904	Baker Petrolite Corporation	PAY	
850.4400	Aquatic Plant Toxicity (<i>Selenastrum capricornutum</i>)	42620905	Baker Petrolite Corporation	PAY	
850.4550	Cyanobacteria (<i>Anabaena flos-aquae</i>) Toxicity	42620901	Baker Petrolite Corporation	PAY	
860.1300	Nature of Residue – Laying Hens	42933301 42158101	Baker Petrolite Corporation	PAY	
860.1300	Nature of Residue - Leaf Lettuce	42295101 43225203 43607101	Baker Petrolite Corporation	PAY	
860.1300	Nature of Residue – Lactating Goats	42933601 42157901 43938701	Baker Petrolite Corporation	PAY	
860.1340	Residue Analytical Method – Laying Hens	43942101	Baker Petrolite Corporation	PAY	
860.1340	Residue Analytical Method	43225201	Baker Petrolite Corporation	PAY	
870.1100	Acute Oral Toxicity – Rats	00141027 41257001	Baker Petrolite Corporation	PAY	
870.1100	Acute Oral Toxicity – Mice	00141031	Baker Petrolite Corporation	PAY	
870.1200	Acute Dermal Toxicity	00141028	Baker Petrolite Corporation	PAY	
870.1300	Acute Inhalation Toxicity	40945404	Baker Petrolite Corporation	PAY	
870.2400	Primary Eye Irritation	00141025	Baker Petrolite Corporation	PAY	

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Ingredient *Acrolein* (PC Code 701, CAS #107-02-8)

Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
870.2500	Primary Dermal Irritation	00141026	Baker Petrolite Corporation	PAY	
870.3100	90-Day Oral Toxicity in Rodents	00141029	Baker Petrolite Corporation	PAY	
870.3200	21/28-Day Dermal Toxicity	00141030	Baker Petrolite Corporation	PAY	
870.3465	Subchronic Inhalation	41716801	Baker Petrolite Corporation	PAY	
870.4200	Carcinogenicity	41334901	Baker Petrolite Corporation	PAY	
870.5300/5375	<i>In vitro</i> Mammalian Cell Assay - Chinese Hamster ovary cells	00141032 00141033 00145208	Baker Petrolite Corporation	PAY	
870.5300/5375	<i>In vitro</i> Mammalian Cell Assay - Rat Bone Marrow cells	00141034	Baker Petrolite Corporation	PAY	
870.5300/5375	<i>In vitro</i> Mammalian Cell Assay - Incidence of C3H/10T1/2 Transformed cells	00145209	Baker Petrolite Corporation	PAY	
870.5300/5375	<i>In vitro</i> Mammalian Cell Assay - CHO/HGPRT Mutation Assay	41579501	Baker Petrolite Corporation	PAY	
870.7485	Metabolism and Pharmacokinetics	42031001 43177101 43275901	Baker Petrolite Corporation	PAY	

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			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
					Submitted upon request
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Multi-Chem Group, LLC	OWN	

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			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Multi-Chem Group, LLC	OWN	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	(Supplement to 40840602)
			Multi-Chem Group, LLC	OWN	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
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Guideline Reference	Guideline Study Name	MRID Number	Submitter	Status	Note
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	

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			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
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			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
			Baker Petrolite Corporation	PAY	
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			Baker Petrolite Corporation	PAY	

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